RadioShack®

63-1088

large display wireless indoor/outdoor thermometer

Thank you for purchasing your Large Display Wireless Indoor/Outdoor Thermometer from RadioShack. You can mount it on a wall or place it on a flat surface using the included stand. Your thermometer can collect and display indoor and outdoor temperatures from up to three sensors.

what's included

main unit and stand
thermo-sensor
user's guide

limited one-year warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. For complete warranty details and exclusions, check with your local RadioShack store.

RadioShack Customer Relations
300 RadioShack Circle, Fort Worth, TX 76102 04/04

Please read this user's guide before installing, setting up and using your new product.
www.radioshack.com

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installing batteries

The main unit requires two AA alkaline batteries and the remote sensor requires two AAA alkaline batteries for power. None are supplied; all are available at RadioShack or online at www.radioshack.com.

1. Remove the battery compartment covers from the main unit and remote sensor, respectively. If you are using more than one sensor, select a different channel for each sensor by switching **CHANNEL 1 2 3**.
2. Place the appropriate batteries in each compartment, following the polarity symbols (+ and -) marked inside.

NOTE *For best results, always install batteries in the remote sensor first, and then in the main unit.*

3. Reset each unit and replace the battery compartment covers.

battery notes

- *Replace batteries when the battery icon appears or the display dims.*
- *Dispose of old batteries promptly and properly.*
- *Do not burn or bury batteries.*
- *Use only fresh batteries of the required size and recommended type.*
- *Do not mix batteries of different sizes or chemistries.*
- *If you do not plan to use your thermometer system for a month or more, remove the batteries. Batteries can leak chemicals that can damage electronic parts.*

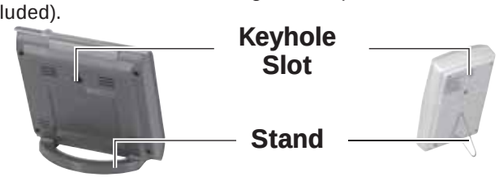
caring for your thermometer system

- Keep the main unit and remote sensor dry. If they get wet, wipe them dry immediately.
- Use and store the main unit only in room temperature environments.
- Handle the main unit and remote sensor carefully. Do not drop them.
- Keep the main unit and remote sensor away from dust and dirt, and wipe them with a damp cloth occasionally to keep them looking new.
- Never immerse the product in water. This can cause electrical shock and damage the product.
- Do not subject the main unit to extreme force, shock, or fluctuations in temperature or humidity.
- Do not tamper with the internal components.
- Do not mix new and old batteries or batteries of different types.
- Do not use rechargeable batteries with this product.
- Remove the batteries if storing this product for a long period of time.
- Do not scratch the display.

choosing a location for your thermometer system

on flat surfaces

Place the main unit indoors and the remote sensor outdoors. Place them on flat surfaces using their respective stands (included).



wall mounting

1. Select an indoor wall for your main unit and an outdoor wall for your remote sensor.
2. Remove the stands from the main unit and remote sensor, respectively.
2. Drill a hole in the wall.
3. Thread a screw (not supplied) into the hole, letting it extend about 3/16" from the wall.
4. Fit the head of the screw into the appropriate keyhole slot.

setting up your main unit

1. Select your temperature units with the °C/°F switch in the battery compartment.
2. Place your remote sensor near your main unit.
3. Press **SEARCH** on your main unit to search the signal from the sensor. The reception icon blinks on your main unit for about four minutes.

The red LED flashes whenever the sensor transmits an RF signal to the receiver.

hints and tips

- Insert batteries and select the channel before mounting the sensor.
- LLL or HHH appears when the temperature is out of range. See Specifications for range information.
- If the temperature on your sensor does not match the one on your main unit, press **SEARCH** to retrieve the signal again. Place the sensor out of direct sunlight and moisture.
- Do not place the sensor more than 100 feet (30.5 meters) from the main unit.
- Position the sensor facing the main unit, minimizing obstructions such as doors, walls, and furniture.
- Place the sensor away from metallic or electronic objects.
- Position the sensor close to the main unit during cold winter months, as below-freezing temperatures may affect battery performance and signal transmission.
- If you still do not receive a signal, check the batteries, obstructions, and remote unit location.
- Signals from household devices, such as doorbells, electronic garage doors, and home security systems, may cause temporary reception failure. This is normal and does not affect general product performance. The reception will resume once the interference ends.
- The display in outdoor thermometers remains operational to -4°F (-20°C) with adequate power. If the unit's performance fails due to low temperature, the unit will resume proper functioning as the temperature rises to within the normal temperature range.

specifications

Indoor Temperature Range	23°F—122°F (-5°C—50°C)
Outdoor Temperature Range	-4°F—140°F (-20°C—60°C)
Temperature Resolution	0.2°F (0.1°C)
Remote Sensor	
Radio Frequency	433 MHz
Range	100 feet (with no obstructions)
Transmission	Every 40 seconds
Channel Numbers	1—3

NOTE: *Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice. Individual units may vary. Actual product may vary from the images found here.*

using your main unit

Your main unit displays current, minimum, and maximum temperatures collected by the remote sensor and main unit. Outdoor data is collected and displayed every 40 seconds and indoor data is collected and displayed every 10 seconds.

- Press **MEMORY** to toggle between current, maximum (MAX) and minimum (MIN) temperatures.
- To clear the records, press and hold **MEMORY** for 2 seconds. A beep will sound to confirm that the memory has been cleared.
- To auto-scan between sensors, press and hold **CHANNEL** for 2 seconds. Press **CHANNEL** or **MEMORY** to end auto-scan. Press CHANNEL to select a specific channel.

temperature trend

This product tracks temperature changes. The trend line shows the direction of the temperature change.

Trend	Description
↗	rising
→	steady
↘	falling

the FCC wants you to know

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult your local RadioShack store or an experienced radio/TV technician for help.

If you cannot eliminate the interference, the FCC requires that you stop using your product. Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

FC

Product	**large display wireless indoor/outdoor thermometer**
Model	**63-1088**
Responsible Party	**RadioShack 300 RadioShack Circle Fort Worth, TX 76102**
Phone	**817-415-3200**